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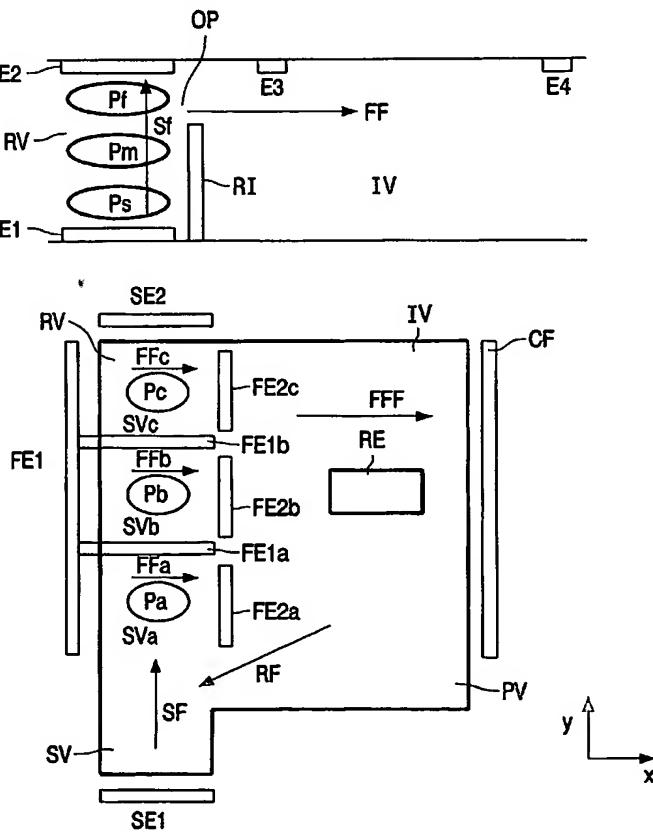
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## (54) Title: A COLOR ELECTROPHORETIC DISPLAY



(57) Abstract: A color electrophoretic display has pixels which each comprise an image volume (IV) and a reservoir volume (RV). Different types of particles (Pf, Pm, Ps; Pa, Pb, Pc) which have different colors and different electrophoretic mobilities are present in each one of the pixels. The particles (Pf, Pm, Ps; Pa, Pb, Pc) which are present in the image volume (IV) determine a visible color of the pixel (10), and the particles (Pf, Pm, Ps; Pa, Pb, Pc) which are present in the reservoir volume (RV) do not contribute to the visible color of the pixel (10). The color electrophoretic display is driven to operate either in: a first mode wherein all the types of particles (Pf, Pm, Ps; Pa, Pb, Pc) contribute to a change of color of at least some of the pixels, or a second mode wherein only a subset of the types of particles (Pf, Pm, Ps; Pa, Pb, Pc) contribute to the change of the color of at least some of the pixels.

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